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## Candidates Avoid An 'Unavoidable Issue'

*This column is by Bob Bergland, executive vice president of the National Rural Electric Cooperative Association.*

Time was when presidential election campaigns didn't begin until early in the year in which they took place.

Tradition held that a serious candidate did not announce more than nine or 10 months ahead of the election. But in our image-conscious society, that—along with low-priced political campaigns—has been relegated to the past.

At this juncture, with nearly a year to go until Election Day, Nov. 8, 1988, at least a dozen persons have already announced their candidacies for the presidential nomination of their respective parties, and it's certain there are more to come.

But if the national polls tell us anything, it is that the public, in any sizable number, is having a hard time getting interested in the presidential campaign. Each candidate is frantically raising money and trying to build a base of support. But no one has really taken off.

Conventional wisdom says that it's too early, too far ahead of the election to arouse substantial interest. Others say there are too many running. But if you listen to what people are saying, you have to ask if the lack of a real issue discussion doesn't breed indifference.

I also get the feeling that a great many

people are looking for a candidate who doesn't exist: a kind of super president, who not only has a great public presence, but also has the answers to all of our problems. . . .

Political observers say that candidates who do the best in elections are those who avoid in-depth discussion of the nation's problems and focus more on traditional values, assuring voters all along that no problem is too large to be surmounted. History proves this is an effective formula for political success, except during perceived periods of grave national distress.

In this lull before the flurry of delegate-hunting begins with the Iowa caucuses next February, the issues of 1988 are growing more apparent. I believe they must be addressed by both parties. . . .

I'm speaking of the fact that the country's public facilities are wearing out faster than we're replacing them.

The 42,500-mile interstate highway system is deteriorating at a rate that requires rebuilding 2,000 miles of road each year. And we're way behind in repairs. Some 8,000 miles of this system and 13 percent of its bridges are now beyond their designed service life and need to be rebuilt.

A study published by Duke University in cooperation with the Council of State Planning Agencies says that \$700 billion will be needed in the next few years to reconstruct the highway system and make its bridges safe. There are also

vast water supply needs, both private and publicly owned dams that need attention, along with deteriorating railroad beds and rolling stock.

Dr. Frederick C. Thayer, professor in the Graduate School of Public and International Affairs at the University of Pittsburgh, sees the vast rebuilding job that must be done as part of a necessary strategy to meet the serious problem of unemployment.

He says that while it is true that unemployment has steadily risen in the past 25 years, from 4 percent in the early 1960s to 7 percent now, it has to be viewed in its historical context.

Says Professor Thayer: "Few observers point out that 7 percent unemployment rates are extremely rare in U.S. history. Except for the depressions of the 1890s and 1930s, the United States suffered from these rates during only four years—1908, 1914, 1915 and 1921—until they became 'natural' in the 1970s. Since then, over the past 10 years, unemployment has dipped below 7 percent only twice, in 1978 and 1979."

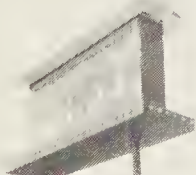
He said if it weren't for the "unprecedented peacetime military spending" today, unemployment would be around 15 percent.

Fortunately, people of Dr. Thayer's caliber are studying the unavoidable issue of how we rebuild America. It's vital for the future of the nation that answers to these problems be found.

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# NCEMC/CP&L Joint Venture Scuttled

Efforts by North Carolina Electric Membership Corporations (EMCs) to reduce power costs by acquiring portions of Carolina Power and Light Company (CP&L) facilities have suffered dual setbacks, according to officials of the EMCs' statewide organization.

As a result, it now "seems unlikely that an agreement of this sort can be worked out," said Jim Hubbard, executive vice president of the statewide EMC organization.

The setbacks were:

- A complete breakdown in negotiations between CP&L and North Carolina Electric Membership Corporation (NCEMC), the power supply operation of the statewide co-op organization.

- A ruling by the administrator of the Rural Electrification Administration (REA) that the agency would not guarantee financing for the joint venture plan.

Representatives of NCEMC and CP&L had signed a "memorandum of understanding" in August, 1986, outlining the general terms of a joint ownership agreement.

The two parties then proceeded to negotiate contracts for the plan to spell out in detail the principles covered by the memorandum.

Those negotiations proved unsuccessful, Hubbard said.

"The company simply failed to honor what we believed it had agreed to. Its backtracking took a lot of the economic benefits for the EMCs out of the deal."

Meanwhile, the Tar Heel EMCs had sought a federal guarantee for \$725.1 million to help finance the joint venture.

That request was rejected by the current administration in Washington.

The ruling on the loan followed months of meetings involving REA officials, representatives of the EMCs and CP&L, members of the North Carolina congressional delegation, the White House staff and North Carolina Gov. James G. Martin.

Secretary of Agriculture Richard E. Lyng fully supported REA Administrator Harold Hunter in his opposition to granting the loan guarantee because, Lyng said, "the projected savings do not justify approval."

"We were taken aback by the secretary's position," said Hubbard. "However, we were not surprised by the continued opposition by his subordinate, Harold Hunter, the REA administrator. Despite a mandate from Congress that he continue to make guaranteed loans, Mr. Hunter had previously an-

nounced that he would grant no more new generation and transmission loan guarantees."

Hubbard pointed out that NCEMC studies showed that "the arrangement we thought we had with CP&L would save the cooperatives millions of dollars in the first 10 years alone. The feasibility of the proposal compared quite favorably with joint venture arrangements REA had approved in the past. It would have benefited the rural electric co-op consumer-members as well as CP&L's rate payers and stockholders."

He added: "When our loan guarantee was turned down, REA had approved guarantees totaling only about \$150 million—when Congress had authorized levels of no less than \$813 million for the fiscal year."

Hunter approved a total of only \$174 million in loan guarantees for the entire fiscal year ending Sept. 30, Hubbard said.

Under the REA loan guarantee program, funds for co-op transmission and generation projects are borrowed in the open market through the Federal Financing Bank. The borrowers pay the going market interest rate plus one-eighth of one percent to offset the federal government's administrative costs.

NCEMC and CP&L met further following REA's ruling, but CP&L refused to bend sufficiently from its position to warrant further financing efforts by the EMCs, Hubbard said.

"After a full year of regular meetings involving NCEMC and CP&L, a number of important issues remained unsolved. We had initially thought agreement in principle had been achieved but, at this point, it seems unlikely that an agreement of this sort can be worked out. We remain willing, however, to pursue that objective," he said.

Meanwhile, he added, NCEMC and its member co-ops will continue to "seek ways of providing dependable power for the rural areas of our state at the most cost-effective rates we can arrange."



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# Extension Center To Boost Western Area Agriculture

A research and extension education center dedicated at Fletcher recently is expected to give a boost to an expanding and diversifying Western North Carolina agriculture.

The Mountain Horticultural Crops Research and Extension Center, the only one of its kind in the state, "ranks as one of North Carolina's most valuable agriculture resources," said Liston B. Ramsey, speaker of the North Carolina House of Representatives.

Ramsey, a veteran Madison County legislator and one of the driving forces behind establishing the \$1.9 million laboratory and office center, was among an array of speakers who helped dedicate the facility.

The center will serve as a regional headquarters for research and agricultural extension personnel from North Carolina State University's School of Agriculture and Life Sciences. It is located on the Mountain Horticultural Crops Research Station.

Ramsey said the agricultural income of the mountain area had increased by about 600 percent since the research farm was established in 1959, primarily to serve an emerging horticultural industry. Income from horticulture alone in the area is now around \$100 million annually.

Said Ramsey, "The people of Western North Carolina are realizing the benefits of the work done here, and those benefits will increase because of the new laboratory and office center. A strong research and extension program is essential for continued progress," he added.

"This dedication marks a giant step forward for agriculture and rural living in Western North Carolina," said M. L. (Mac) McGough, retired executive officer of the Western

North Carolina Development Association.

"And it is another milestone of success for the spirit of cooperation and progressive attitude that exists among the agricultural agencies, personnel and institutions in this region of the state," said McGough, who was instrumental in getting the center funded by the General Assembly.

The new 32,160-square foot complex, in addition to laboratories and a 300-seat auditorium, has 27 offices for NCSU research and extension personnel.

A number of speakers at the dedication made reference to what they described as a strong spirit of cooperation by many groups and agencies that led to the development of the Mountain Horticultural Crops Research and Extension Center.

"Western North Carolina is rich with the tradition of neighbor helping neighbor for the common good of all," said N.C. Agriculture Commissioner James A. Graham. He cited the expansions at the research station as "fruits of the labor of people willing to work together."

Scientists located in the new facility, some of whom have joint research and extension responsibilities, include five from horticulture, two from soil science and one each from zoology, plant pathology and entomology.

Other scientists located on NCSU's Raleigh campus also conduct research on the farm itself. About 70 projects were conducted on the farm this year, involving 31 faculty members who worked with 29 different crops.

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# Two Appointed To NCREA Board

A Randolph County lawyer and a Davie County businessman have been appointed to the board of the North Carolina Rural Electrification Authority (NCREA) by Gov. James G. Martin.

Richard L. Cox from Asheboro and James L. Sheek from Mocksville were each appointed to four-year terms on the five-member board.

Cox, a native of Randolph County, has been a partner in Gavin & Cox Attorneys in Asheboro for the past three years.

A graduate of Wake Forest University and Campbell University Law School, Cox was a district attorney covering Randolph and Montgomery Counties before going into private practice.

Cox is also on the local board of the Salvation Army as well as being a member of the Kiwanis Club.

A Davie County native, James L. Sheek has been owner and operator of Sheek Tool Service for the past 18 years. He's a realtor and a certified auctioneer who remains active in the craft. Sheek has also operated Jim Sheek Auction and Realty for the past 11 years.

Sheek, who served four years in the U.S. Air Force, is also a Mason and a former consumer-member of Crescent Electric Membership Corporation, Statesville.

Cox and Sheek succeed Richard H. Greene of Warrenton and Frank James of Rt. 1, Crumpler.

Other members of the board are

Henry Gabriel of Rt. 1, Sherrills Ford; Bobby Pigg of Tarboro and R.B. Sloan Jr. of Statesville.

A state agency, the NRECA's primary responsibility is to review loan

applications from the state's electric and telephone cooperatives before they are submitted to the Rural Electrification Administration in Washington.

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### High-Tech Furnace Offers Safe and Efficient Heat

The *Heat Machine*, a high-tech home-heating product, offers new benefits in safety, economy and efficiency.

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The *Heat Machine* uses ceramic disks made of barium titanate as the heating component. This material is a semiconductor and heats as an electrical current passes through.

For the *Heat Machine*, the semiconductor is made into a disk shape that is honeycombed so air can flow through. The disk is coated with brass and silver to ensure proper electrical contact. A powerful fan pulls air through the heating disk and propels it into the room.

Air passing through the honeycombs contacts a large surface area, so 100 percent of the air intake is heated. The air passes out through the front grill, which deflects it downward, compensating for the upward flow of hot air.

Inherent characteristics of the ceramic heating disk make *Heat Machine* a breakthrough product. The disk draws electricity in order to maintain its temperature at a

constant 380 degrees. The disk conducts best in a cold environment; it efficiently produces instant heat to be drawn into the room.

As the air in a room warms, the disk requires less electricity to stay at 380 degrees. As the room temperature increases, power consumption decreases.

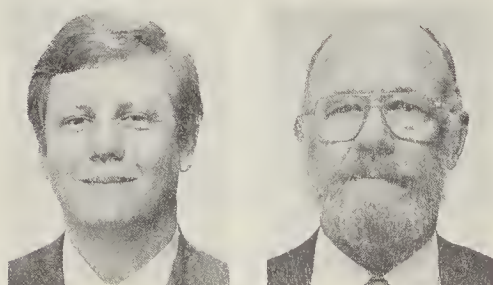
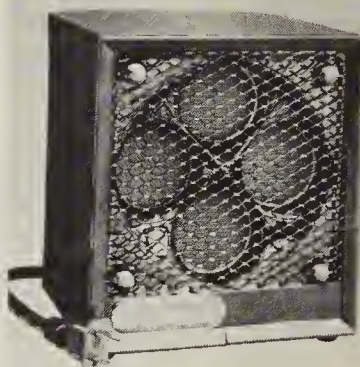
The *Heat Machine* is safe. It can run day and night, but the cabinet always remains cool to the touch. It was designed for unattended continuous operation.

At 380 degrees, the ceramic disk operates at below the ignition temperature of most household materials. A piece of tissue or a match placed on a *Heat Machine* heating disk will not ignite.

*Heat Machine*, now manufactured in Canada, runs on solid state circuitry, and the disks have been tested for 50,000 on/off cycles with no apparent wear. Its manufacturer offers a five-year limited warranty and it is U.L. listed.

In a time of energy consciousness, when selective room heating is one means of conservation and when safe, efficient energy sources are a necessity, *Heat Machine* is certainly a timely product.

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## Instructor Cited For Teaching Excellence

Nannette Smith Henderson, chairman of the science department at Vance-Granville Community College, recently received the Excellence in Teaching Award from the State Board of Community Colleges.

Henderson, who has been at Vance-Granville since 1976, received \$1,500 for the award, sponsored by First Union National Bank.

The award, in its second year, honors one of the 3,000 full-time instructors in the state community college system. Henderson, who has a doctorate in plant pathology from North Carolina State University, has been the chairman of the science department at Vance-Granville since 1978.

Other finalists for the award, who each received \$250, were: Philip Goodwin of Sampson Community College; David M. Holcombe of Blue Ridge Technical College; Charles L. Johnson of Randolph Technical College and David M. Payne of the Technical College of Alamance.

## Save The Water Offers Kenny Glenn Print

Save The Water, a non-profit organization working to protect water and wildlife in the Falls Lake watershed, is raising money by offering a limited edition wildlife print by Durham artist Kenny Glenn.

The Save The Water organization commissioned Glenn to paint the original work, which depicts an eye-level shot of a large bass being caught at Falls Lake. The colorful 12.5-x-14-inch signed print sells for \$25 each.

To order a print, send a check for \$25 to: Save The Water, P.O. Box 15795, Durham, NC 27704.



## Six Victorian Homes To Open For Tour

Six homes decorated in the Victorian tradition will be featured during the 16th Annual Candlelight Tour of Historic Oakwood Homes, Dec. 12-13 in Raleigh.

The tour is scheduled for 1 to 7 p.m. each day. Highlights include refreshments at the Tucker Mansion as well as live entertainment along the tour route.

Tickets are \$5 for adults in advance and \$6 on the day of the tour.

For more information on the Candlelight Tour, write the Society for the Preservation of Historic Oakwood, P.O. Box 11137, Raleigh, NC 27604. Phone: Ronald Ellis at (919) 828-3691 or Oakley Herring at (919) 821-7775.

## Crafts Show-Sale Set In Marion

Handmade clay works will be featured at the Appalachian Potters Market show and sale Dec. 5 at the McDowell High School indoor commons in Marion.

Sponsored by the McDowell Arts & Crafts Association, the show will run from 10 a.m. to 5 p.m., with numerous potters from around the state on hand to display and sell their works.

For more information, write or call the Arts & Crafts Association at Box 1387, Marion, NC 28752. Phone: (704) 652-8610.

## National Scholarship Honors Late Tar Heel

The late Curtis F. Tarleton, who served for many years as director of the North Carolina Department of Agriculture's Division of Marketing, has been honored by the National Market News Association.

The national organization has established the Curtis F. Tarleton Scholarship for college agricultural students, preferably those studying ag communications.

The amount of the award has not yet been established.

## Home Folks

**Ann F. Huggins**, an employee of East Carolina University's School of Medicine, has received the People's Award from the State Employees Association of North Carolina. The award recognizes a non-officeholder for behind-the-scenes effort and cooperation . . . . . **Tony E. Herrin**, manager of member, public and employee education at Union Electric Membership Corporation, Monroe, has been named a Certified Rural Electric Communicator by the National Rural Electric Cooperative Association. He's the second North Carolina electric co-op employee to qualify for the certification . . . . . **William E. Pierce**, sanitarian supervisor for the Pasquotank-Perquimans-Camden-Chowan District Health Department, has received the Watson S. Rankin Award from the N.C. Public Health Association for outstanding contributions to public health in North Carolina . . . . . **Chris G. Hoke**, legal specialist for the N.C. Department of Human Resources' Division of Health Services, has received the Reynolds Award for the greatest contribution to public health in North Carolina during the past year . . . . . The Public Health Association awarded its Distinguished Service Award to **Dr. Helen Wells**, a family planning clinician and health department consultant for the Cherokee County Health Department . . . . . **Tim Hunley**, son of Mr. and Mrs. Clarence Hunley of Wilmington, has been cited for bravery for having rescued a friend in a near-drowning incident last July. The sixth grader was the winner of the GI Joe Medal of Honor for North Carolina. A total of 50 winners in 41 states were honored in the competition, sponsored by Hasbro Toys, makers of the GI Joe doll.



Tarleton retired in July, 1984, after a 40-year career with the state. He died in October, 1985.

## Area Artists To Be In Statesville Exhibit

Artists from Statesville and Mooresville will be featured at the Area Artists '87 exhibit to be displayed at the Art & Science Center in Statesville through Dec. 20.

The exhibit will open Nov. 22 with a reception from 2 to 5 p.m. Art works from the Artists Guild of Statesville and the Mooresville Artist Guild will be featured.

The Art & Science Center is open to the public without charge Thursday through Sunday: Thursday, from noon to 8 p.m. and Friday through Sunday, 2 to 5 p.m. Tours are available.

For more information on the Area Artists '87 exhibit, write or call the center at 1335 Museum Road, Statesville, NC 28677. Phone: (704) 873-4734.

## Holiday Season Events Set In Albemarle Area

Six attractions will be highlighted this holiday season in the Historic Albemarle Tour area of Eastern North Carolina:

- Hot cider and ginger cookies are just some of the attractions that will be offered at the Christmas Open House at Hope Plantation in Windsor, Dec. 6 from 1 to 6 p.m. Admission is \$5 for adults and \$1.50 for students.

- The 1725 Cupola House in Edenton will be the site of a Wassail Bowl, Dec. 6 from 2 to 5 p.m. Wassail,

a traditional holiday beverage, will be in ample supply. No admission will be charged.

- Food made from 18th Century recipes will be featured at the Groaning Board, Dec. 6 from 2 to 5 p.m. at the James Iredell House in Edenton. No admission will be charged.

- An evening candlelight tour of private homes in Edenton is slated for Dec. 18. For more information, contact Historic Edenton, P.O. Box 474, Edenton, NC 27932. Phone (919) 482-2637.

- Historic Murfreesboro will present a candlelight tour and progressive dinner in five historic buildings, Dec. 15 from 5 to 8 p.m. Tickets are \$10.

- Harpsichord music will be featured at the Christmas Open House in Bath, Dec. 6 from 1 to 5 p.m. No admission will be charged.

For more information on any of the events in the Historic Albemarle Tour area, write or call P.O. Box 759, Edenton, NC 27932. Phone: (919) 482-7325.

## Historic Hillsborough Slates First Yule Tour

Hillsborough will show off the town's rich history with its inaugural Candlelight Tour, Dec. 6 from 1 to 8 p.m.

The festivities will include a tree-lighting ceremony, decorations, music and entertainment—all highlighting the Christmas season.

For more information on the Candlelight Tour, write or call the Hillsborough Chamber of Commerce at 228 South Churton Street, Hillsborough, NC 27278. Phone: (919) 732-8156.

*Continued on page 10*

## Cover: Autumn Colors On Watauga County Lake

The colors of autumn dominate this month's cover photo, which was made by Johnny Meeks of Blowing Rock. It was shot on Bass Lake in Moses H. Cone Memorial Park on the Blue Ridge Parkway near Blowing Rock.



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Continued from page 9

## Washington To Host Craft Show Nov. 27-28

The newly renovated Washington Civic Center will be the site of the Fifth Annual Down East Craft Show, Nov. 27-28 in Washington.

Sponsored by the Beaufort County Arts Council, the show will run from 10 a.m. to 5 p.m. on Nov. 27 and 10 a.m. to 4 p.m. on Nov. 28.

For more information, write or call the Beaufort County Arts Council at P.O. Box 643, Washington, NC 27889. Phone: (919) 946-2504.

## Museum Sets "Yuletide In The Early South"

An historical Christmas with a regional flair will be the focus of the Museum of Early Southern Decorative Arts' "Yuletide in the Early South," Dec. 12-20 in Winston-Salem.

Ten rooms in period design will be on display as guides take viewers through various facets of a Southern

Christmas celebration, with decorations and customs depicted.

Special events, including music and other entertainment, will take place in the museum's auditorium during the week-long event.

For more information on the event, write or call the museum at P.O. Box 10310, Winston-Salem, NC 27108. Phone: (919) 722-6148.

## 5th Festival Of Trees To Be In Wilmington

Over 80 decorated Christmas trees will be one of the many features at the



Festival of Trees, Nov. 28 through Dec. 6, at the Hilton Inn in Wilmington.

In its fifth year, the festival will be alive with many holiday events, including

music, tree decorations, raffles and sculpture.

The event is sponsored by the Friends of Hospice, with proceeds

going to the Lower Cape Fear Hospice.

Admission is \$3 for adults and \$1 for children. Admission for older adults will be \$2 on Senior Citizen Days, Nov. 30 and Dec. 1. School group tours are also available for the event.

For more information, write or call the Festival of Trees, 5221 Wrightsville Avenue, Wilmington, NC 28403. Phone: (919) 392-4313.

## Federal Agency Offers Pamphlet On Quackery

The U.S. Food and Drug Administration (FDA) is offering a pamphlet on health fraud as it is practiced on the elderly.

The pamphlet, titled *Quackery and the Elderly*, was developed by the FDA and the Council for Better Business Bureaus.

For a copy of the publication, write to the Food and Drug Administration, HFE-40, 5600 Fishers Lane, Rockville, MD 20857.

# 35 Directors Elected At 10 EMCs

A total of 32 incumbents and three newcomers were elected to the Boards of Directors of 10 North Carolina Electric Membership Corporations during recent co-op annual meetings.

- **Albemarle EMC**, Hertford—Re-elected were L.A. Harris Jr. of Rt. 4, Elizabeth City; Billy R. Nixon of Rt. 1, Tyner and Estelle Felton of Rt. 2, Hertford.

- **Brunswick EMC**, Shallotte—Re-elected were Jake Godwin of Rt. 1, Chadbourn; Moses C. Herring of Rt. 3, Supply and Emery Smith of Rt. 1, Nakina.

- **Cape Hatteras EMC**, Buxton—Re-elected were Fred J. Neuman of Buxton, Jack S. Gray of Buxton and Ellis A. Gray of Avon.

- **Carteret-Craven EMC**, Morehead City—Re-elected were David M. Chadwick of Rt. 2, Beaufort and David C. Holt of Star Route, Maysville. Newly elected was Nellie Cannon Garner of Rt. 3, Newport.

- **Central EMC**, Sanford—Re-elected were Henry E. Jones of Rt. 3, Pittsboro and William B. Hulsey Jr. of Rt. 2, Carthage. Newly elected was Thomas J. Wilson of Sanford.

- **Crescent EMC**, Statesville—Re-elected were Jerry W. Anderson of Rt. 6, Mocksville; Henry C. Gabriel of Rt. 1, Sherrills Ford; Larry W. Payne of Rt. 3, Taylorsville; Kenneth A. Westmoreland of Huntersville and Jack B. Wooten of Rt. 2, Cleveland. Newly elected was C. Edgar Cartner of Harmony.

- **Davidson EMC**, Lexington—Re-elected were Charles M. Hedrick of Rt. 11, Lexington; Glenn Smith of Lexington and Eston S. Stokes of Rt. 1, Linwood.

- **Four County EMC**, Burgaw—Re-elected were R.W. Blanchard Jr. of Rt. 1, Turkey; Iva W. Brinson of Rt. 1, Magnolia; Raymond A. Brown of Rt. 1, Chinquapin and S. Franklin Williams of Rt. 1, Wallace.

- **Surry-Yadkin EMC**, Dobson—Re-elected were Paul Cornelius of Rt. 2, East Bend; Grady Nichols of Mt. Airy and Garland Chilton of Mt. Airy.

- **Union EMC**, Monroe—Re-elected were Ray Efird of Rt. 4, Albemarle; Vann W. Hilton of Rt. 1, Marshville; Grant Duncan Jr. of Rt. 1, Indian Trail and Rufus N. Reid of Concord.



## Nags Head Woods Center Dedicated To Gordon Hanes

The Nags Head Woods Visitor Center has been dedicated in honor of Gordon Hanes, who served as the first chairman of the board of trustees of the North Carolina Nature Conservancy.

The dedication honored Hanes with speeches and the unveiling of a profile likeness of him.

A strong supporter of preserving the state's natural heritage, Hanes helped establish the Nags Head Center with financial assistance, gifts of land and negotiations on behalf of the conservancy.

The N.C. Nature Conservancy is a chapter of the Nature Conservancy, a non-profit organization dedicated to protecting significant natural lands throughout the nation.

The Nags Head Woods Visitor Center is located in a natural setting at the end of Ocean Acres Drive off of NC Highway 158 bypass in Kill Devil Hills. The center, which serves as an educational and research facility, was visited by about 10,000 people in 1986.

The Nags Head Woods Preserve is a natural mosaic of ancient dunes, dense maritime forest, fresh water ponds and pine hammocks located on 680 acres of the Dare County Outer Banks. Along with the visitor center, the preserve has a growing trail system, high quality research areas and expanding educational opportunities.

## 3 Tar Heel Teachers Awarded Fellowships

Three North Carolina teachers have been awarded Christa McAuliffe Fellowships through the State Department of Public Instruction.

Nancy R. Oakley, a science teacher at North Forsyth High School, was awarded the top fellowship of \$25,000 while Virginia A. Thompson, a Carteret County middle school teacher and Joan Lance, a Buncombe County elementary school teacher, were each awarded \$12,038.

Mrs. Oakley's fellowship will be used to finance her research on whether teaching teenagers about nutrition can help lower their cholesterol levels.

The fellowships are funded through the U.S. Department of Education and honor the memory of Christa McAuliffe, the New Hampshire school teacher killed in the Challenger Space Shuttle disaster in 1986.

## National Folk Art Exhibit Slated At Mint Museum

A view of the United States from the American Revolution through World War I will be on display in, "Young America: Through the Eyes

of the Folk Artists," at the Mint Museum in Charlotte, Nov. 7 through Jan. 3, 1988.

Sponsored by IBM and organized by the American Museum of Folk Art, the exhibition will feature more than 100 examples of folk art in all forms—painting, sculpture, textiles and needlework.

Admission to the museum is \$2 for adults and \$1 for students and senior citizens. It is open seven days a week: from 10 a.m. to 5 p.m. Wednesday through Saturday; 1 to 6 p.m. Sunday and 10 a.m. to 10 p.m. Tuesday.

For more information on the exhibition, write or call the museum at 2730 Randolph Road, Charlotte, NC 28207. Phone: (704) 337-2000.

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# Load Management Program Yields Healthy Savings By 'Shaving' Power Use Peaks

North Carolina electric cooperatives' statewide load management program has yielded healthy savings for the co-ops by reducing energy use during peak demand periods, according to officials of the Electric Membership Corporations' statewide organization.

Since the first load management switch was installed under the program in 1984, the \$27 million control system has been on its way to paying for itself by the end of 1988, said Don Wright, director of operations for North Carolina Electric Membership Corporation (NCEMC), the power supply arm of the statewide organization.

"It seems this program has been growing and growing," he said. "The more people hear about it, the more they want to have a switch installed."

Thus far, more than 130,000 switches have been installed at the homes of EMC consumer-members across the state.

The switches, which are installed at no cost to volunteer participants, are used to turn off central air conditioners, heat pumps and water heaters as a means of "shaving the peak" as energy demand rises.

Wright explained that during periods when energy demand is high, power companies must depend on expensive forms of energy to meet consumers' demands.

By cycling home appliances off for brief periods as peak demands ap-

proach, the EMCs can hold down their power costs.

Air conditioners are turned off for up to 18 minutes each hour, but fans continue to circulate air. Water heaters are turned off completely for short periods, but most water heaters can keep water hot for long periods without reheating.

---

## How To Volunteer For Load Control

Want to know how to become a volunteer in the load management program of North Carolina's EMCs?

Just write or call your local EMC or write to Volunteer To Shave, NCEMC, P.O. Box 27306, Raleigh, NC 27611.

---

Each EMC in the program is equipped to activate the switches as needed—and operated solely on that basis during the first two years load management was in operation.

During the past year, however, a central control system has been operating

at NCEMC headquarters in Raleigh to permit peak-shaving on a regional basis.

"We've been controlling from Raleigh in those areas served by Duke Power Company and by North Carolina Power (Virginia Electric and Power Company)," Wright said.

"That hasn't been the case in areas served by Carolina Power and Light Company because of the way CP&L calculates 'demand charges' that are passed on to NCEMC. Because of the approach they use, it's advantageous for the CP&L area co-ops to control their own switches individually during their peaks."

Three of those EMCs have been involved in load management for several years, having launched their own control programs prior to the beginning of the statewide arrangement.

They are Lumbee River EMC, Red Springs; Four County EMC, Burgaw and Wake EMC, Wake Forest.

All three were incorporated into the statewide system when it was organized.

"It's been a successful statewide program," Wright said. "At NCEMC, we feel we can control 120,000 to 140,000 kilowatts."

Even with its success to date, Wright said there is plenty of room for the program to expand.

"We would like to have 80-85 percent of the eligible consumer-members in the program—and we're not there yet!"

---

*Rick Joyce, a programmer-analyst with North Carolina EMC, monitors the overall statewide electric load of the state's electric cooperatives as part of the NCEMC load management program. Using a sophisticated computer system at NCEMC headquarters in Raleigh, technicians like Joyce can activate switches on home appliances to "shave the peak" as demand for power rises.*





# From Turkey To Tabernacle

## A Playful Salute To North Carolina Geography

Welcome to North Carolina, a state where you will find  
*New Hope.*



*Dove, Friendship, Liberty and*

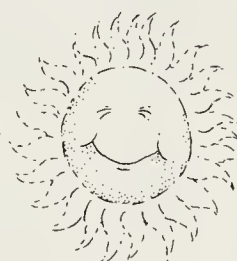
It is a state endowed with an ample *Supply* of *Birch, White Oak* and *Walnut* trees.

By listening carefully, you will hear the sound of a  
*Mountain Home* on almost any summer evening.



*Cricket* by a *Roaring Creek* near a

At *Stony Point* or *Flat Rock* or *Pumpkin Center*, you are likely to get a *Fairview* of both the  
*Sunshine* and *Sunset.*



Whether your name is *Rosemary, Ruth, Odell* or *S Sharon*, you could reside in such old towns as *Lizard*  
*Lick, Level Cross, Wanchese* or *Toast*



Many of our state's citizens can *Quickly* prepare a meal fit for a *King* whose *Mission* is finding the land of  
*Eden* and *Paradise Point.*



Tourists may view a  
watch a  
a grove

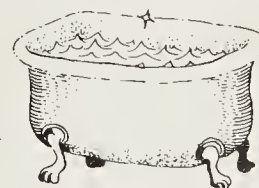
*Zebra* in the state zoo, gaze upon rows of *Peachtrees* in the Sandhills,  
picturesque *Half Moon* from a *High Hill* or *Just* solve an *Oriental Riddle* while strolling alongside  
of *Oaks.*



In a few places you can watch an



*Alligator* taking a



*Bath* or

examine a *Goose Nest* near a *Scuppernong* arbor. On a spring day, you might even see a *Maiden*  
being wooed by a *Swain* under a *Mulberry* tree at the edge of *Deep River.*



In the evening, *Why Not*  
meaning of the *Trinity?*



observe a *Star*



in the heavens and reflect on the

From *Apex* to *Micro*, from *Bluebutton* to *Yellow Spot*, you will find that millions of *Tar Heels* agree there is  
simply not a *Troublesome Point* within the boundaries of their state.

—Alva W. Stewart

Alva W. Stewart of Greensboro is a reference librarian at North Carolina A&T State University.



# Students Lure I-95 Travelers With A Taste Of The Big Apple

High school kids who hang out at the Way Off Broadway New York Style Deli in St. Pauls don't bother the owners. That's because the owners are high school kids. These students at St. Pauls High School in Robeson County participate in a new national program that allows them to start up and maintain their own businesses. The revolutionary program, "Rural Education with Action Learning"—or REAL Enterprises—was founded by Jonathan Sher of Chapel Hill. Sher, who serves as president of North Carolina REAL Enterprises, organized the program to give rural students an opportunity to succeed after high school without having to leave their hometowns. "The need is more pressing in the rural community," said Sher. "There are fewer resources available to the rural student than in the big city." Along with the Small Business and Technology Development Center at UNC-Chapel Hill, Sher provides expert advice to the students' young companies as they find niches in rural communities. Students spend at least a year planning these businesses, with Sher's organization available to provide technical information. The students are never left to "sink or swim." Thus far, only North Carolina and Georgia have programs under way, with four Tar Heel counties participating: Northampton, Hyde, Robeson and Currituck.

Sher said chances are good that the program will expand in the future. The businesses in operation vary—from boat rentals to video stores to the St. Pauls deli.

The Robeson County project began two years ago as students planned what business would be best suited to their area. In the beginning, students volunteered time for the program.

"The kids had to come in before school, stay after school and give up their lunch period," said Dr. Thomas Paquin, superintendent of St. Pauls City Schools.

Dr. Paquin claims partial credit for the idea of opening a deli in the rural Tar Heel county.

"Interstate 95 is a gold mine out there for us," he said. But, he added, "we've got to lure the travelers off the highway with something other than barbeque and fried chicken." With the help of a \$30,000 loan from the local board of education, the students bought a vacant building near Interstate 95—and went to work revamping it. "It looked like a hurricane had been through here," said Frank Davis, a sophomore who participated in the clean-up process. Since the deli opened in July,

students have received minimum wage for the time they're working on the job. During the planning and clean-up stages, students had worked for free. "They said we wouldn't get paid," said Davis. "What the heck, I wasn't doing anything

anyway." "It seemed like it was going to take forever to get the job done (in order to open)," said Blake

McDuffy, a recent graduate who serves as the deli's assistant manager. To the passerby, the Way Off Broadway Deli looks like any other business. Open from 10 a.m. to 10 p.m., the deli offers a wide menu and conducts itself like any ordinary sandwich shop. John Dexter, one of the few adults working at the shop, was hired by the students to serve as the store's

manager. Dexter, who had previously worked as a manager with several national restaurant chains, brought his own expertise to the deli. The early

stages of operation had its share of problems, he said. "The biggest problem we had was people not doing their job—not the school, not the kids, but the people we contracted with," Dexter said, citing the lack of

working cash registers and printed menus. "We probably opened a little too soon considering everything. We struggled through; we did all right."

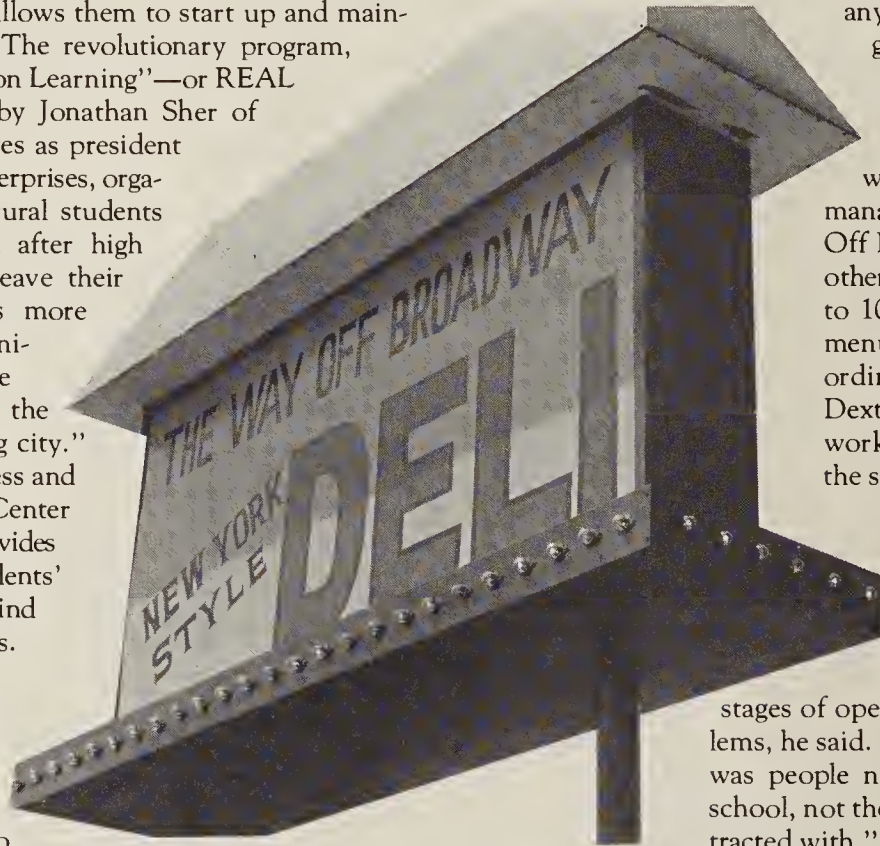
With his workers having a vested interest in the business, Dexter said the job was attractive when he heard about it—and he hasn't been disappointed as yet.

"I took a cut in pay, but I was happy to do it to work with this calibre of people," he said.

Opening a New York-style deli in rural North Carolina was not an easy task. Bagels, pastrami and kaiser rolls took a little getting used to—for the student employees and local customers.

"It was kind of hard," said Melissa McCaskill, a recent St. Pauls graduate. "But if I can read the writing, I can get the sandwich out."

The menu may have presented some problems at first, but the employees were so enthusiastic about the project they have been willing to work hard in spite of the problems they've encountered. For many, the deli has given them their first jobs—and they've found working there a positive experience. "I love working here. I could work here forever," said junior Brenda Gray. Plans call for the deli—and other student-run businesses established under the REAL program—to operate





for at least three years and then be sold.

REAL officials said they hope the businesses will eventually be sold to former students who are involved in setting them up. Meanwhile, the St. Pauls deli will continue to serve New York-style food to local folks and I-95 travelers as its owners try to get it fully established.

**“I love working here. I could work here forever.”**

*—Brenda Gray, Student*

But the owners never intended to run any other operations out of business. “When you set these businesses up, you don’t want to compete with your local businesses,” said Dr. Paquin. “You don’t want anyone mad at you. So, we priced ourselves a little higher.”

That’s never been a problem for the students. Brenda Gray said, “The people on the interstate are used to high prices!”

More information on N.C. REAL Enterprises can be obtained by writing to Rt. 1, Box 323K, Chapel Hill, NC 27514. Phone: (919) 967-0597.

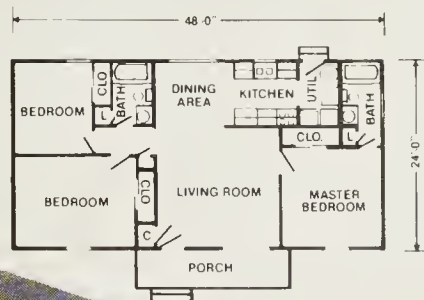


Melissa McCaskill slices meat for a deli sandwich

Story and photos by Contributing Editor Randy Wheelless

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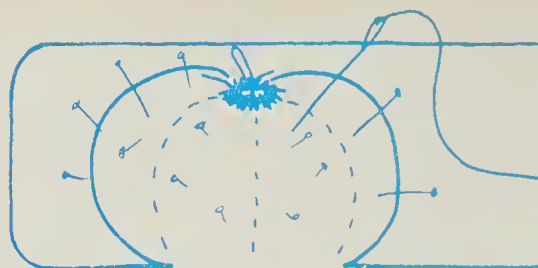
our home. It's exactly where we want to be.

We like to think that our presence here over the years has played a part in making

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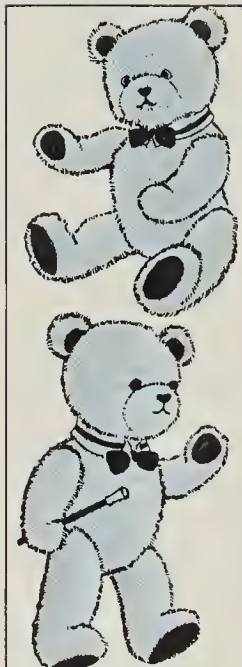




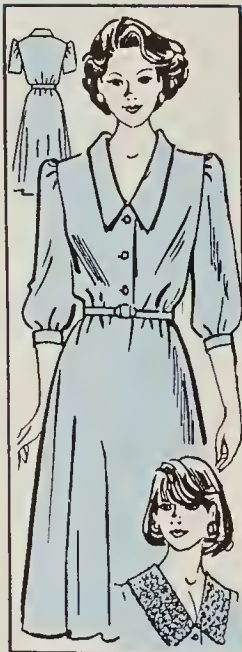
## PINS · N · NEEDLES



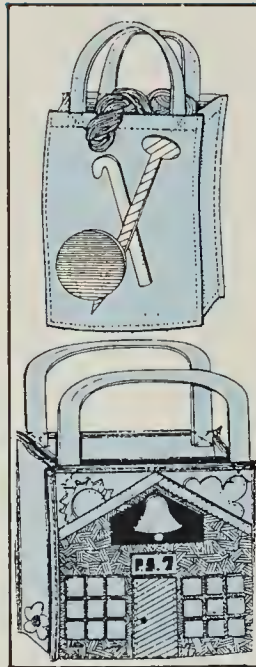
**4075:** Misses Sizes 8 to 22. Slimming princess suit is unlined and comes in extended sizes. Size 14 takes 2½ yards of 60-inch fabric.



**407:** Make a cuddly 16-in. bear for a favorite child. Use plush with felt details. Tissue pattern pieces, details, directions to sew bear.



**4208:** Half Sizes 12½ to 22½. Sew elastic waist dress with fabric collar or crochet a collar using directions included with the pattern.



**6022:** Instructions for making 10 fabulous totes for knitting, school, books, travel, beach, picnics and other special purposes and needs.



**4207:** Misses Sizes S (8-10), M (12-14), L (16-18), XL (20-22) included. Cape has pockets and front button closure. Use wool.



**915:** Knit the dog coat at top in rib stitch; crochet coat at bottom in single crochet. Use worsted. Directions Sizes 10, 12, 14, 16, 18, name.

Send \$3.25 for each pattern to: *Carolina Country*, Reader Mail, Dept. 8681; Box 58, Woodside, N.Y. 11377. Add 75¢ each for postage and handling. Be sure to use your full address, zip code and include pattern number and size.

## COUNTRY KITCHEN



### Want To Share Your Recipes?

If you would like to share a recipe with this column, send it to: *Carolina Country*, P.O. Box 27306, Raleigh, North Carolina 27611.

We pay \$5 for published recipes and present each monthly winner a set of 50 recipe cards featuring a reprint of the published recipe.

### Hot Browns

Submitted by Mrs. Dan Jefferson, Virginia Beach, VA

4 slices bread  
(white or dark)  
1/4 lb. thin sliced turkey breast  
1/4 lb. thin sliced country ham

12 strips bacon  
1 medium size tomato  
1 can cheddar cheese soup  
(or white cream sauce)

Toast bread. Place thin layer of turkey breast and country ham on toast. Partially cook bacon and put 3 strips on top of turkey and ham. Slice tomato and place two slices to each piece of toast. Heat cheddar cheese soup (undiluted). Pour soup over all open face sandwiches and broil until soup starts to bubble. Serve piping hot. (Makes 4 servings.)



# DO YOUR OWN THING

## Beautiful Baskets and Wreaths

Beautiful decorations featuring naturals and florals add a touch of charm and elegance to any room in your house—and they also make wonderful gifts for those special people in your life. Even if you're "all-thumbs," with this 15-page guidebook you can make any of a dozen projects by following the full-color photos and step-by-step instructions.

The basic materials needed to make ribbon and floral trimmed baskets are dried and preserved flowers and leaves, silk or cloth flowers, ribbon, glue, Spanish Moss and the basket you choose to decorate.

To begin, wrap the handle with ribbon and glue moss around the rim. Make two bows according to the illustrations and glue in place on both sides of the basket. Next, attach flowers and leaves to the basket and handle, add a small hummingbird as the perfect finishing touch and your basket is complete!

To obtain TRIM BOOK 2 FOR ALL-THUMBS PEOPLE, #LP118, send \$7.25, including postage and prompt handling.

For a variety of needlecraft projects, you may like to try our NEEDLECRAFT PACKET #C61 (three different guidebooks not including #LP118), \$5.50.

Send your check to **Lois Goodson, c/o Carolina Country, P.O. Box 2383, Van Nuys, CA 91409-2383.**



## U-BUILD PROJECTS

### A Country Classic

In days past when cold drafts would creep through the house like a cat in the night and when the logs in the wood stove would die out in the early morning, it was sure nice to grab an extra quilt or blanket from the quilt rack next to the bed.

Even with today's modern heating,

an extra blanket can be a welcome addition on a chilly night—and the rack itself is a classic decorator item as well!

By following our step-by-step plan you can build this treasured hand-me-down heirloom of your own. Made from 3/4" oak and 1" oak doweling, trace the full-size pattern onto wood and cut according to the schedule, sand the pieces, drill the holes, and assemble. It's that easy!

To obtain QUILT RACK, Pattern #799, please send \$4.50. For a collection of three other classic oak patterns: a lawyer's bookcase, file drawer and ice box, order #C55, \$7.95. Prices include postage and prompt handling.

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**Steve Ellingson, c/o Carolina Country, P.O. Box 2383, Van Nuys, CA 91409-2383.**





# Citizens Assembly To Address Campaign Issues

*Non-partisan program will involve 600 Tar Heels in the development of questions to be posed to the presidential candidates.*

A cross section of North Carolina citizens will be brought together early next year to identify key issues that need to be addressed by the presidential candidates prior to Super Tuesday in March.

A total of 600 Tar Heels, selected to represent the state demographically and politically, will participate in the North Carolina Citizens Assembly as part of a non-partisan program sponsored by the N.C. Leadership Forum

in conjunction with the Roosevelt Center for American Policy Studies in Washington.

The purpose of the project is to help citizens become more aware of political issues and to increase voter participation in the presidential process, said Tim Noonan, state director of "U.S. 88: A New Road To The White House."

"We want to emphasize that our goal is to make this a grassroots pro-

gram that involves average North Carolina citizens—not just the movers and the shakers," Noonan said.

After the selection process, he added, participants will attend various "crash courses" on policy issues to help them construct thoughtful questions for the presidential candidates.

Plans call for questions developed through this procedure to be presented to the candidates at a later date.

The policy courses will be presented at 8 to 10 regional forums across the state.

Noonan said the project will be totally non-partisan.

"We have two goals: to improve the quality of political debate leading up to the North Carolina presidential primary on March 8 and to increase citizen participation in the presidential candidate nominating process."

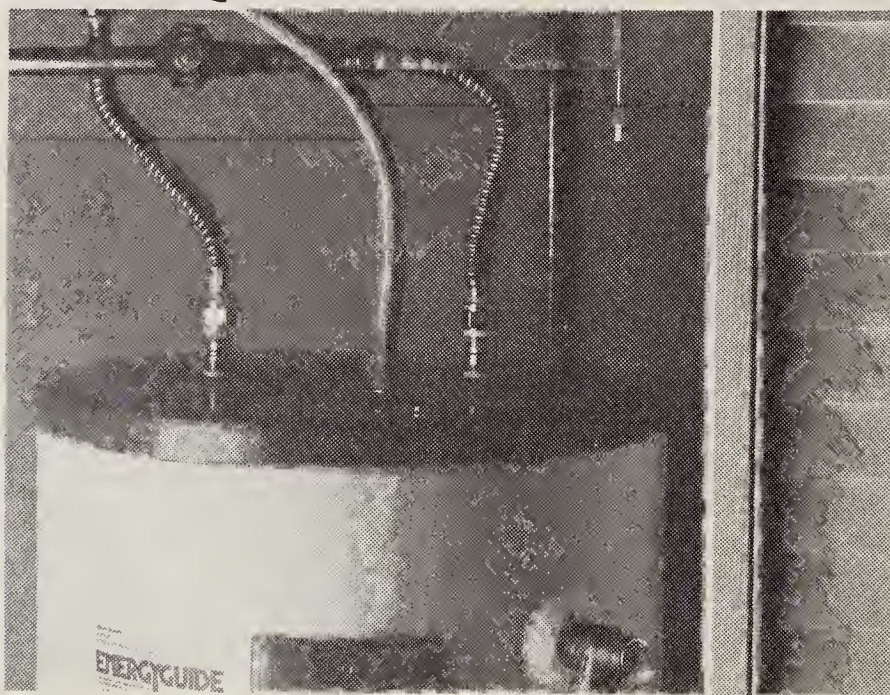
"U.S. 88," which also involves projects of this sort in Iowa, New Hampshire and Georgia, has been endorsed by the entire North Carolina Congressional delegation and by Gov. James G. Martin. Co-sponsors include the N.C. Republican Party and the N.C. Democratic Party.

Other co-sponsoring organizations include: The Institute of Government at UNC-Chapel Hill, the Institute of Policy Sciences at Duke University, the N.C. Farm Bureau Federation, the N.C. Association of Electric Cooperatives, the N.C. Press Association, the N.C. Association of Educators, the N.C. AFL-CIO, the N.C. Black Leadership Caucus, State Employees Association of N.C., the American Association of Retired Persons and the N.C. League of Women Voters.

To be considered for the N.C. Citizens Assembly, complete and mail the application on the opposite page. The application deadline is Dec. 15.

For further information on "U.S. 88," write or call the N.C. Leadership Forum at P.O. Box 10723, Raleigh, NC 27605. Phone (919) 832-1284.

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# North Carolina Citizens Assembly

## Application Form

If you are interested in being considered for membership in the "U.S. 88" North Carolina Citizens Assembly, please complete and return this application by Dec. 15, 1987, to: "U.S. 88" North Carolina, c/o North Carolina Leadership Forum, P.O. Box 10723, Raleigh, NC 27605. Phone: 919/832-1284.

Note: The information requested in this application is being sought only for the purpose of insuring that the North Carolina Citizens Assembly is as demographically and politically balanced as possible.

Name \_\_\_\_\_

Address \_\_\_\_\_

Telephone \_\_\_\_\_

(home)

(business)

Age: \_\_\_\_\_ Sex: Male \_\_\_\_\_ Female \_\_\_\_\_

Race: \_\_\_\_\_ White \_\_\_\_\_ Black \_\_\_\_\_ Hispanic \_\_\_\_\_ Other \_\_\_\_\_

Employment: Are you currently employed? \_\_\_\_\_  
Yes \_\_\_\_\_ No \_\_\_\_\_

Are you retired? \_\_\_\_\_  
Yes \_\_\_\_\_ No \_\_\_\_\_

Occupation: \_\_\_\_\_

Education: (check one) 0-12 years of school \_\_\_\_\_

1 or more years of college \_\_\_\_\_

Political Background: Are you a registered voter? \_\_\_\_\_  
Yes \_\_\_\_\_ No \_\_\_\_\_

Party Affiliation (check one):  
\_\_\_\_\_ Republican \_\_\_\_\_ Democrat \_\_\_\_\_ Independent

Do you consider yourself:  
\_\_\_\_\_ Conservative \_\_\_\_\_ Moderate \_\_\_\_\_ Liberal

Are you a party leader or elected public official? \_\_\_\_\_  
Yes \_\_\_\_\_ No \_\_\_\_\_

Did you participate in the Republican Party or Democratic Party presidential primary elections in either 1980 or 1984? \_\_\_\_\_  
Yes \_\_\_\_\_ No \_\_\_\_\_

Are you currently planning to participate in the 1988 primary election? \_\_\_\_\_  
Yes \_\_\_\_\_ No \_\_\_\_\_

Organizational Affiliations: Please list the principal civic, professional, educational and religious organizations to which you belong:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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## WASHINGTON SCENE

# GOP Agenda: To Regain Control Of The Senate

While debates among presidential candidates are being staged all over the place, both major parties are gearing up for a set of elections that will have much to do with what happens in Washington after the next president is inaugurated.

Those elections will be for the 33 Senate seats that will be decided next year, when 15 Republicans and 18 Democrats will have to face the voters.

The GOP has no chance to control the House.

For the first six years of the Reagan administration, his party controlled the Senate and he was successful in getting his policies enacted on Capitol Hill. But since the Democrats captured the Senate in last year's elections, there has been increasing confrontation between the White House and Congress.

So the very makeup of the Senate when a new president takes office will be very important no matter which party captures the White House.

The Democrats currently have a 54 to 46 advantage, which means the GOP needs to pick up four seats to gain control if the next vice president is a Republican and five if he's a Democrat, since the vice president can break a tie vote.

Republican strategists think they have a chance to recapture the Senate.

Last year, they point out, there were far more Republican seats at stake than there were Democratic seats, and the Democrats were able to cash in on that fact. This year the opposite is true, although not by as wide a margin.

But Democrats say that it is not the number of seats that count, it is the vulnerability of those who must run.

There are some members of both parties who seem to be safe bets to be re-elected with little trouble.

Democrats who seem to be safe include Edward Kennedy of Massachusetts; Robert Byrd, the majority leader, of West Virginia; Lloyd Bentsen of Texas; George Mitchell of Maine and Dennis De Concini of Arizona.

Republicans who are considered safe are Lowell Weicker of Connecticut, John C. Danforth of Missouri and probably Orrin Hatch of Utah, who could have been in deep trouble had former Gov. Scott Matheson decided to run against him.

There are others who are believed reasonably sure to return next year.

Democrats in this group are Donald Riegle of Michigan, Paul Sarbanes of Maryland and James Sasser of Tennessee.

Republicans favored to be re-elected include Richard Lugar of Indiana, John Heinz of Pennsylvania and Daniel Evans of Washington, who has not said definitely that he will run.

That leaves a group on each side who can expect more or less serious challenges at the polls.

Three have announced they won't come back by choice.

Wisconsin Democrat William Proxmire is stepping aside because of his age while age and health concerns influenced Mississippi Democrat John Stennis to say he won't seek re-election for a seventh term.

Stennis, at 86 the oldest member of the Senate, is chairman of the powerful Appropriations Committee.

Republicans think they have a chance to win the seat with Rep. Trent

Lott, the House Minority Whip.

GOP forces in Wisconsin hope they can take Proxmire's seat, but no challenger has yet emerged.

Meanwhile, Virginia Republican Paul Tribble won't run again because he's unhappy in his job.

Democrats think they can claim the Virginia seat if ex-Gov. Charles Robb seeks the office, as he has indicated he might do.

The GOP has a better chance of gaining a seat in New Jersey where Pete Dawkins—former football star at West Point, Rhodes Scholar and retired Army general—plans to run against Frank Lautenberg, the Democratic incumbent. Dawkins probably will be favored.

Two other strong challenges are expected to Democrats in Florida and New York. Sen. Lawton Chiles (D-FL) will have to defend his seat against Rep. Connie Mack, a popular conservative member of Congress. In New York, Rudy Guiliani, a New York crime-busting U.S. attorney, has indicated he will take on Democrat Daniel Moynihan. The Democrats may be favored but upsets are deemed possible.

Unless other strong Republicans come forward, however, observers believe that other Democrats will be less threatened.

In New Mexico, Democratic first term Jeff Bingaman is considered vulnerable but no viable GOP candidate has emerged. It is much the same in other states where Democrats are incumbents.

On the other hand, Democrats have strong candidates to put forward in states where Republicans are now in office.

Chick Hecht, Nevada Republican, who is considered the weakest GOP incumbent, may well lose to Gov. Richard Bryan.

The same situation applies in several states now represented by Republicans.

In Minnesota, Republican David Durenberger will be challenged by Hubert Humphrey III, a magical name in that state's politics.

In Nebraska, former Gov. Bob Kerry is likely to challenge Sen. David Karnes, who was appointed to take the seat of Ed Zorinsky, who died



several months ago. Karnes is a political novice.

That same picture emerges in Rhode Island, California and Delaware, where Democrats will mount campaigns against Republican incumbents.

On the whole, observers say Democrats will be favored to keep control of the Senate and even increase their margin, unless there is a Republican landslide in the presidential race, which no one expects at this point.

And they say control of the Senate is going to be extremely important to the next president.

"Look at what's happened this year," said one astute political analyst. "Reagan, after having things pretty much his way for six years, has had all kinds of problems since the Democrats took charge of the Senate in January.

"The highway construction bill was passed over his veto. He's had problems with the Bork Supreme Court nomination and with aid to the rebels in Nicaragua. Last year, he got two Supreme Court nominees confirmed rather easily, and he got money for the contras without too much trouble. This year, it's been one confrontation after another."

While it may be too early to assess each of the 33 races, those who are going to be in those races are getting ready. Sen. Bentsen has already collected \$5 million for his race in Texas, even though he is heavily favored to win re-election.

Lawton Chiles in Florida has collected \$1 million despite the fact that he limits donations to \$100 and refuses to take money from political action committees.

They and other senators know just how important the control of the Senate will be in 1989.

Although it may seem early to be thinking about 1988 elections, the first actual step in picking the next president is now less than four months away.

The Iowa caucus and the New Hampshire primary will be held in February, followed in March by Super Tuesday, when 12 Southern states will hold simultaneous primary elections and select more than one-fourth of the delegates to the 1988 conventions.

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## *Wildlife in North Carolina*

EDITED BY JIM DEAN & LAWRENCE S. EARLEY



# Celebrating 50 Years As An Advocate Of Wildlife Conservation In North Carolina

*As Wildlife in North Carolina passes its golden anniversary, a new book offers a sampling of articles and photos from the pages of the award-winning magazine.*

Wildlife in North Carolina, the monthly magazine of the North Carolina Wildlife Resources Commission, is marking its 50th Anniversary this year with the publication of a book of articles and photos that have appeared in the magazine.

The book, also titled *Wildlife in North Carolina*, was published by the University of North Carolina Press in Chapel Hill. (For details, see story, opposite page.)

The excerpts below, from the book's Epilogue, trace the magazine's history over the past half-century:

Wildlife predates the Wildlife Commission (founded in 1947) by ten years. First published in November, 1937, as *Wildlife Management in North Carolina*, the magazine was a collaboration between the Zoology Department at North Carolina State College in Raleigh and the North Carolina Department of Conservation and Development. It grew out of an interest to introduce the then-new concepts of wildlife management to sportsmen and landowners.

The early magazine reflected the rural character of the state. Edited by Clyde P. Patton for a brief period and by Rod Amundson from 1947 until 1975, the publication soon featured the stunning wildlife photography of Jack Dermid.

The 1950s' *Wildlife* blazed the path that the magazine of the 1980s still

follows, promoting ethical hunting and fishing, reporting on the Wildlife Commission's efforts on behalf of sportsmen and providing management advice for landowners. But as the magazine entered the 1960s, its subject matter broadened to reflect the times. There were stories on environmental degradation, pollution and habitat loss. . . .

Under Duane Raver, who became managing editor of *Wildlife in North Carolina* in 1960 and later editor, the look of the magazine changed as well. Color began to appear not only on the cover but also in its interior pages. Raver's wildlife art became a fixture in the magazine. . . .

Jim Dean was named editor when Raver retired in 1979. The magazine maintained its focus on the use of the state's wildlife resources. . . .

*Wildlife* took a big step forward in 1978 by hiring its first full-time art director, David Williams, and its first full-time photographer, Ken Taylor. Assistant editor Mark Taylor also joined the staff, followed shortly by associate editor Lawrence S. Earley. . . .

The additional editorial staff enabled the magazine to take on more ambitious projects, most notably reportage on environmental problems experienced in various parts of the state.

On the masthead of the March, 1979,

issue was added this statement of mission: "*Wildlife in North Carolina* is the official educational publication of the North Carolina Wildlife Resources Commission, and is dedicated to the sound conservation of the State's wildlife and other interrelated natural resources and the environment we share with them." In response to this broad mission, staff writers began to address complex and controversial topics. . . .

The magazine is only part of the Wildlife Commission's overall educational effort. The Division of Conservation Education also produces films and slide shows and distributes these and other audio-visual programs to the public. In addition, seven educational representatives stationed throughout the state arrange media coverage for wildlife-related stories and hold conservation-education workshops for primary and secondary school teachers.

As *Wildlife in North Carolina* passes its golden anniversary, it remains a deeply committed voice on behalf of the conservation of wildlife and other natural resources.

Subscriptions to the magazine are available for \$5 a year or \$12 for three years. To subscribe, write to *Wildlife in North Carolina*, 512 N. Salisbury St., Raleigh, NC 27611.



## Volume Includes 41 Articles

# Producing Book Required Painstaking Weeding-Out Process For Two Editors

Two editors of the magazine, *Wildlife in North Carolina*, faced a major chore as they prepared to squeeze a representative sampling of the publication's 50 years into one book.

Editor Jim Dean and Associate Editor Lawrence S. Earley went through a painstaking weeding-out to produce the finished product, which was published by the University of North Carolina Press in Chapel Hill.

The \$24.95 book, also titled *Wildlife in North Carolina*, is available in bookstores statewide.

To celebrate the 50th Anniversary of the publication, Dean and Earley set out to pick the best stories and photos to spotlight in a permanent collection.

In selecting articles for the book, they decided that each story would have to be entertaining, say something on the state's natural or sporting history and have good color photography.

Weeding through past issues, the editors trimmed their choices down to 100—which later had to be pared further.

The book is divided into four sections encompassing stories ranging from butterflies to decoys. The 225-page effort contains nearly 150 color photographs and 41 articles.

To obtain the book by mail, send \$24.95 for each copy—include 3 percent sales tax (or 5 percent for Orange County residents)—to: University of North Carolina Press, P.O. Box 2288, Chapel Hill, NC 27514. Add \$1.50 postage for the first book and 75¢ for each additional copy.

## Statement of Ownership, Management and Circulation Required by 39 U.S.C. 3685

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**Circulation:** Average number of copies each issue during preceding 12 months, also actual number of copies of single issue published nearest to filing date (September 1987): Total copies: Average: 332,508 (September: 330,393).

**Paid Circulation:** Sales through dealers and carriers, street vendors, counter sales: None. Mail subscriptions: Average: 329,599 (September: 327,299).

**Total Paid Circulation:** Average: 329,599 (September: 327,299).

**Free Distribution** by mail, carrier, or other means, samples, complimentary and other free copies: Average: 2,214 (September: 2,418).

**Copies Not Distributed:** Office use, left over, unaccounted, spoiled after printing: Average: 695 (September: 676). Return from news agents: None.

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# HANK'S GARDENING GUIDE

Fall is really in the air.

Now's the time to take a critical look at the overall appearance of your grounds—and make a mental list of improvements to work toward. You'll want to investigate changes in your landscape plan in order to correct any flaws that became obvious during outdoor living last summer.

## Shade Trees

Large-growing shade trees should be planted on the west side of a building at a distance of at least twenty-five feet. This shades the walls and roof as the summer sun sinks in the west during hottest months.

Properly located trees help to cool interiors. Air-conditioning units usually operate with less expense if the building is shaded by trees.

Such trees should be deciduous, dropping their leaves in winter. An evergreen tree near a building prevents the warming rays of winter sun from reaching the building.

To have immediate shade, plant a fairly large tree. A good size is fifteen to eighteen feet in height. If you feel that you can wait for a shade tree to grow, a much smaller size may be planted. When planting a tree, be sure there are no power lines above that

will necessitate brutal pruning in years to come.

## Raking Leaves

In raking the abundance of autumn leaves, take care not to disturb the roots of trees and shrubs.

Don't be too vigorous when using a heavy garden rake. Damage could result to permanent woody plants.



You'll want to be particularly careful not to disturb the soil around such shallow-rooted plants as azaleas and dogwoods. Their roots are quite near

the soil surface. Injury could cause dieback of plants if their roots are snagged.

A flexible lawn rake is safe to lightly brush out accumulated leaves. Rather than hauling leaves away from your yard, it is advisable to pile them into a compost heap. After they decay, they're excellent for use around trees, shrubs, in the vegetable and flower garden. Keep the compost pile wet for more rapid composition. Good aeration is provided by turning the compost occasionally.

## Hardwood Cuttings

Take hardwood cuttings of pussy willow, deutzia, mock orange and weigelia to root this winter.

Make cuttings six to eight inches long. Tie them in bundles and label with name of plant and date of cutting.

Overwinter cuttings in a cool place in moist spagnum moss. Do not let cuttings dry out.

When weather warms in the spring, cuttings should have formed roots or callouses on the cut and should be ready to plant outside.

## Give Newly Planted Evergreens A Pruning

When transplanting evergreens, or planting new nursery-grown evergreens, you can help them overcome shock by giving them a light pruning.

In the moving process it is almost impossible to prevent root damage. Some roots may have to be cut away. Cutting some top growth will help compensate for this reduction in the root system. Let such pruning be a thinning process to remove weak stems and twigs and any suckers that may be present.

At the time of pruning, try to improve the plant's shape. In the spring most shrubs will produce new growth at pruned points, thus covering the nubs.

## Label It

Labeling newly planted bulbs and late-starting perennials will pay off next spring. Even though we think we can remember where everything is planted, it may be difficult to find everything after a few months have passed.

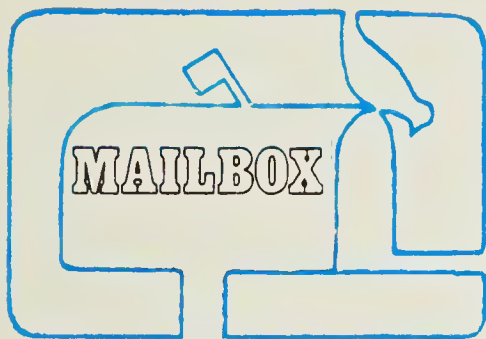
Use wooden or plastic labels and marking pens to identify the new additions to your garden. Popsicle sticks are handy labels.

—Hank Smith

## Now's The Time To:

- Cut back by half the amount of water and fertilizer for house plants as days become shorter.
- Clean up garden tools if you're ready to store them for winter. Remove soil and clean metal parts with motor oil and steel wool to prevent rust.
- Keep leaves raked from newly seeded lawns.
- Plant pansies for late-winter color.
- Plant spring-flowering bulbs.
- Apply lime to lawn and vegetable garden if soil test shows a need.
- Begin forcing narcissus and amaryllis bulbs for flowering plants during holidays.





### Still Dreaming of Cigarettes 15 Years After Kicking Habit

In regard to your article, "Congress Reviewing A Proposal For Raising Cigarette Tax—Again," (September): I am not saying it's right or wrong, but if raising the tax would keep one young person from smoking, I am for it.

I smoked for 30 years and had to stop as I had emphysema. When I tried to stop, it was almost impossible. For weeks I did not think I would live from one day to the next.

You cannot imagine what a person goes through when his body does not get nicotine after a daily dose of about 30-40 cigarettes. I still dream of them after 15 years and feel if I could only smoke one cigarette everything would be all right. . . .

No wonder people cannot stop using cocaine—if it is like cigarettes!

Wallace Lightfoot  
Otto

### Enjoys Little Cokes

I have just read, with much interest, your book review of *Papa Coke* by Sanders Rowland in your September issue. . . .

Thanks for solving the mystery for us about why Coke is better-tasting in the smaller-sized bottles. It surely does make a difference. Coke is our family favorite, and we enjoy it today in those little six and a half ounce bottles. None of us like Coke in cans.

Mrs. Clarence Miller  
Rt. 3, Mooresville

### NCDA Official: Thanks For "Excellent Article"

I appreciate your very nice article concerning my new position as well as our new marketing efforts in the state.

I thought the article was very professionally done and gave an insight into the objectives we have in front of us. I appreciate your cooperation and your commitment to our program. . . .

Thanks again for the excellent article.

M. Wayne Miller  
Director of Marketing  
NC Department of Agriculture  
Raleigh

### "We Miss Your Magazine"

Since selling our place in North Carolina, we find that we miss your magazine and would like to subscribe. Hopefully, we'll be back in a cooperative sometime in the future when we find the right place in your great state.

Jack Hitchcock  
Winter Park, FL

## Article Revives Memories For Goober Bowl Veteran

I was more than just mildly interested when I saw the article in your August issue on the Enfield Peanut Festival since Enfield is my hometown.

But I nearly fell out of my chair when I saw the inset article on the Goober Bowl football game, which was a feature of the original Peanut Festival on Thanksgiving Day, 1948.

I was a junior in high school then and played center on offense and guard on defense on that Enfield team.

The 13-10 loss in the post-season bowl game (not 11-0 as the article said) was especially bitter for us to take, since that season we had the highest-scoring team in the state, putting 365 points on the scoreboard and having only 19 scored on us during a 9-0 season.

Our loss to Tarboro the next Thanksgiving Day was rather ironic as we had beaten them by an identical 19-13



score during the regular season. But that was before our team was decimated by injuries.

Even your mention of the N.C. State freshmen vs. Chowan game in the last Goober Bowl brought back fond memories, as I was home for Thanksgiving from Duke and somehow got selected to write up the story on the game

and phone it into the *Raleigh News and Observer*.

I didn't get to the new Peanut Festival on Sept. 12 because I was competing in the statewide weight-lifting championship contest in Oxford. Won my category in my division and, much to my surprise, was third in the Open Division. Not a bad way to celebrate my 55th birthday!

Thanks a million for reviving some very strong and vivid memories of days too long gone by!

Arnold Pope, Rt. 1, Oxford

### Readers "Especially Enjoy" Hank's Gardening Guide

Please add our name to your subscription list. We hope to make North Carolina our year-round home in a few years and we especially enjoy your gardening guide—to save for use in the future.

Jean Miller  
Plantation, FL

### "Papa Coke" On Book Review: It Was "One of the Best" Yet

I appreciate the nice book review you did on *Papa Coke*. The review is one of the best I have received, and I want to thank you very much.

Sanders Rowland  
Asheville

Mr. Rowland came to be known as "Papa Coke" because of his many years as a supersalesman for Coca-Cola. He co-authored the book with Asheville writer Bob Terrell.

### Thanks for "Fine Magazine"

Thank you so much for your fine magazine, *Carolina Country*. We look forward to it each month.

Robert Urwin  
Sorrento, FL



# EMC ANNUAL MEETINGS CALENDAR

Date	Electric Membership Corporation	Time	Location
<b>November</b>			
12	Pitt & Greene, Farmville	Registration: 6:00 p.m. Business Meeting: 7:30 p.m.	Worthington Warehouse, 264 By-Pass
<b>December</b>			
4	Tideland, Pantego	Registration: 6:30 p.m. Business Meeting: 7:30 p.m.	Pantego Jr. High School

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Advertising that does not conform to these standards or that is deceptive or misleading is never knowingly accepted.

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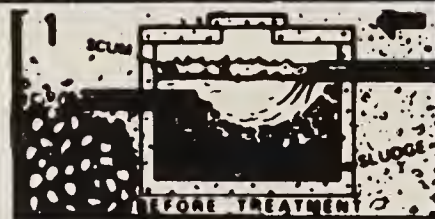
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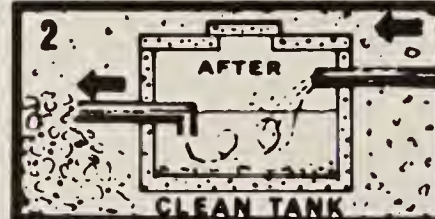
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# Autumn Weather Perfect For Caulking

The crisp, clear days of autumn are perfect for caulking jobs around the house.

Some forms of caulking become less flexible when the temperature drops below 40 degrees F., and that makes them less easy to apply.

Although it's not a fun job, the time, effort and expense spent on sealing tiny air leaks around windows and doors will pay handsomely this coming winter, points out Dr. Sandra Dellinger, extension housing specialist at North Carolina State University.

"Caulk wherever two different materials or two parts of the house meet. Caulk the joints between the window frames and siding, where the door frames meet the siding. Seal the spaces between window sills and siding,

cracks between porches and the main body of the house, and cracks where the chimney or masonry meets the siding," Dr. Dellinger says.

Begin by removing paint build-up, dirt or old caulking materials with a caulking solvent and a putty knife or a large screwdriver.

Most people start the job with a half-dozen cartridges of caulking. Be sure that the bead overlaps both sides for a tight seal. Drawing a good bead of caulk may take a little practice.

"You can fill extra-wide cracks,

like those where the house meets the foundation, with oakum, glass fiber insulation strips or similar materials. If small gaps remain, finish the job with caulk," Dr. Dellinger explains.

Caulking compounds also come in rope form, which makes it easy to fill long cracks. Just unwind the caulk compound and force it into the cracks with your fingers.

Dr. Dellinger recommends buying the best quality caulking, because it lasts the longest. You won't have to redo the caulking as often.

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# GRITS

## Heralding An Unheralded Program: A Seasonal Salute

Our congratulations go out to all those who're involved in North Carolina's far-reaching agricultural research program, which has passed two major milestones in recent weeks.

Those events include the dedication of the Mountain Horticultural Crops Research and Extension Center at Fletcher (see story, Page 5, for details) and the observance of the 75th Anniversary of the Tidewater Research Station near Plymouth.

The extension center will be a regional headquarters for research and agricultural extension personnel from N.C. State University.

The Tidewater Station has been a testing ground for farming practices that have allowed thousands of acres of low-lying soils to be drained and cleared—to become some of the richest farm land in the country, according to state agriculture officials.

I have a personal interest in the Tidewater Station because my late mother was the superintendent's secretary there for many years. As a boy, I'd often join her as she'd commute from Plymouth to the farm house that served as the station office. And our whole family would visit the farm for pick-your-own grapes—which ended up in delicious homemade jelly and preserves.

The Tidewater facility is among the oldest of the state's research stations, having been established in 1912 at a site in Wenona, also in Washington County. It was moved to the present site in 1943.

Agricultural research in North Carolina actually began in Chapel Hill with a modest program in the university's geology department. But it was soon shifted to NCSU, where the first research farm was established in 1886.

The first of the outlying stations was the Upper Coastal Plain Station at Rocky Mount, which opened in 1902. The Tidewater Station (then called the Blacklands Test Farm) and the Oxford Tobacco Research Station were both established in 1912.

The others came to the following communities between 1944 and 1970: Waynesville and Laurel Springs (Ashe County), 1944; Castle Hayne, 1947; Reidsville, 1948; Jackson Springs (Montgomery County), 1951; Lewiston, 1952; Salisbury and Clayton, 1954; Whiteville, 1956; Fletcher (Henderson County), 1959; Kinston, 1965 and Clinton, 1970.

The stations are managed by the N.C. Department of Agriculture, with NCSU providing funds to operate six of them. NCSU researchers coordinate the various studies done on the farms, except for some projects that are handled by the U.S. Department of Agriculture.

It's a remarkable cooperative effort that has made many important contributions to agriculture in North Carolina and across the country.

And, chances are good that many of the foods we'll enjoy this Thanksgiving owe their quality and affordability, at least in part, to the work that's been done in this unheralded program.

The least we can do is offer a seasonal salute to the folks who've been part of that broad endeavor over the past 100 years, quietly enriching the bounty of our land.

## Recipe: Still A Yuletide Tradition After 20 Years

If you're looking for a new way to celebrate the holiday season this year, you might be interested in the recipe below, which was passed along to us by Carol Bessent Hayman of Beaufort.

Mrs. Hayman, who wrote the feature on Christmas traditions that appeared in *Carolina Country* last December, said this "Christmas Candy" has been a holiday tradition for her family since she and her husband discovered it about 20 years ago in a New Orleans candy kitchen. The couple has used the recipe each year to make gifts for friends and family.

"The whole family helped," she said. "The children cracked and picked out the nuts and greased the platters; I measured ingredients and headed the clean-up crew and my husband made up the recipe, watched the pot and beat the mixture to the right texture. Then it was poured onto greased platters to harden.

"The recipe, with a few 'improvements,' has become a much-sought-after-treat, a special gift. . . . We hope your readers will enjoy it and share it with their friends and loved ones."

—Owen Bishop



## Christmas Candy

- |                                 |                                   |
|---------------------------------|-----------------------------------|
| 2 lbs. brown sugar              | 1 teaspoon vanilla                |
| 1 stick butter                  | 2 to 3 cups coarse chopped pecans |
| 1 cup evaporated milk           | 2 pkgs. caramel chips             |
| 1 jar (7 oz.) marshmallow creme |                                   |

Combine first three ingredients. Cook to 238 degrees on candy thermometer (soft ball), then stir in one jar of marshmallow creme and beat until mixture is very thick and creamy (about 8 minutes). Add remaining ingredients and beat well. Pour onto greased (Pam sprayed) platter and let sit until firm. Cut with very sharp, warm knife into bite size pieces. Makes about 100 pieces.





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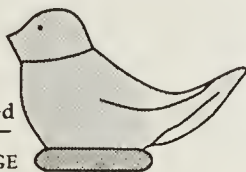
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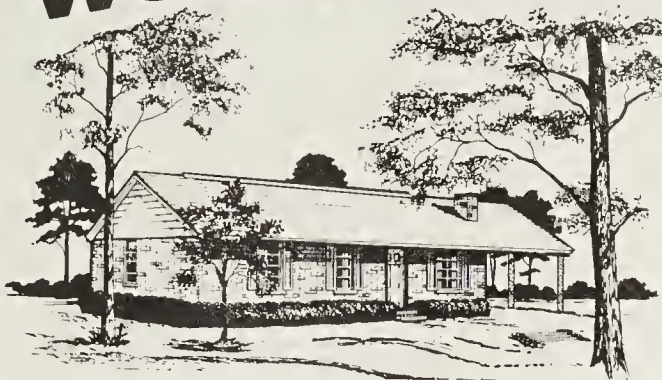
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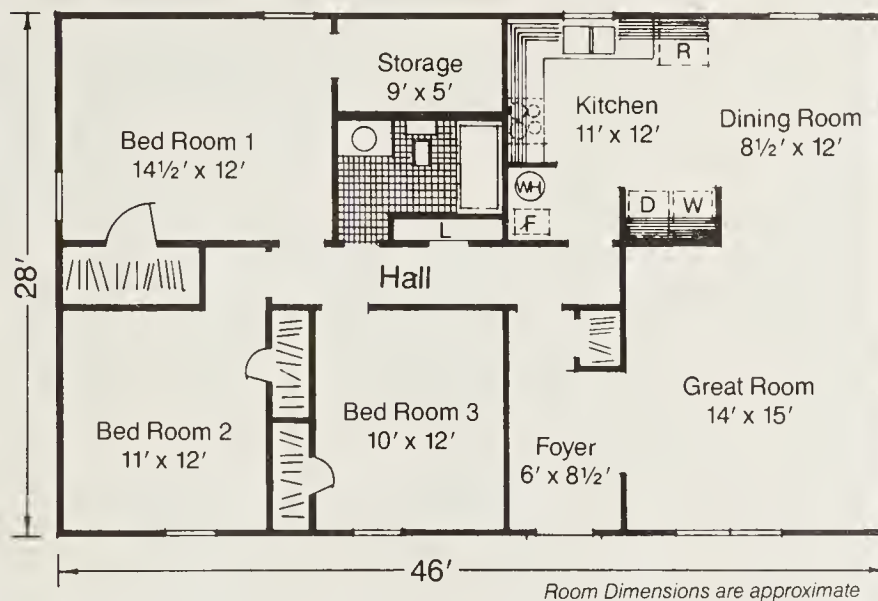
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